

Extension Service

Taking a representative sample is the most important step in assuring quality analyses. Please refer to sampling procedures to get the proper sample. Supply complete information on the sample submission form to ensure maximum usefulness to the client. The **animal** and **feed type** must be given if you want calculations for total digestible nutrients (TDN) or net energies.

For total mixed rations, concentrates, vitamin/mineral blends, grains and by-products collect multiple core samples or grab samples. Composite the cores or grab samples, mix thoroughly, and subsample into **quart** zip-loc bag.

Submit hays and silages in a **gallon** zip-loc bag.

Test Description	Fee
F1 Hays and Silage (minerals included) [Moisture, Neutral Detergent Fiber, Crude Fiber (estimated), Protein, Phosphorus (P), Calcium (Ca), Magnesium (Mg), Nitrate (NO ₃), pH for Silage] (TDN calculation)	\$28.00
F2 Hays and Silage (excluding minerals)[Crude Fiber (estimated), Moisture, Neutral Detergent Fiber, Protein, Nitrate](TDN calculation)	\$23.00
F3 All Other Feeds [Moisture, Crude Fiber, Protein, Phosphorus (P), Calcium (Ca), Magnesium (Mg)]	\$25.00
F4 Moisture, Crude Fiber, Protein, Crude Fat and Ash (proximate analysis)	\$30.00
F5 Moisture, Crude Fiber and Protein (for TDN calculation)	\$21.00
F6 Crude Protein	\$9.00
F7 Crude Fiber	\$12.00
F8 NDF (Neutral Detergent Fiber)	\$10.00
F9 ADF (Acid Detergent Fiber)	\$10.00
F10 Nitrate (NO ₃)	\$8.00
F11 Crude Fat	\$10.00
F12 Bound Protein	\$15.00
F13 Ash	\$9.00
F14 Moisture	\$10.00
F15 Mineral Pre-Mixes	\$25.00
F16 Pepsin Digestibility	\$25.00
F17 Urease Activity	\$12.00
F18 Calorimetry/Gross Energy (BTU)	\$25.00
F19 Total Aflatoxin	\$20.00
F20 Protein Solubility (soybean meal)	\$25.00
F21 Cyanide (Prussic Acid)	\$40.00
F22 Minerals Only [Phosphorus (P), Potassium (K), Calcium (Ca), Magnesium (Mg), Manganese (Mn), Iron (Fe), Aluminum (Al), Copper (Cu), Zinc (Zn)]	\$12.00
F23 Salt/Chloride by Quantab	\$12.00
F24 Arsenic (As)	\$25.00

F25 Selenium (Se)	\$25.00
F26 Arsenic + Selenium	\$40.00
F27 Lignin	\$15.00
F28 Chlorinated Hydrocarbon & Organophosphate Insecticide Screen on Feed & Feed Ingredients [Includes: Aldrin, Chlordane, DDD, DDE, DDT, Dieldrin, Endrin, Ethion, Heptachlor, Heptachlor Epoxide, Lindane, Malathion, Methoxychlor, Methyl Parathion, Mirex, Parathion, PCB 1242, PCB 1254, PCB 1260, Toxaphene] Fill a soil test bag to the fill line . Do not use a plastic container. To receive a soil test bag, call the Fayette County Extension Service.	\$75.00
NOTE: For special tests not listed, such as peroxide value, fatty acid profile, free fatty acids, cholesterol, or amino acids, call the Fayette County Extension Office. <input type="text"/>	<input type="text"/>